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(54) Title: REDUCED WATER CONSUMPTION FLUSH TOILET

(57) Abstract: A reduced water consumption flush toilet for a motor vehicle includes a bowl assembly, a waste ball valve assembly and a water valve assembly. The bowl assembly defines a bowl and a discharge opening at a lower end of the bowl. The waste ball valve assembly is mounted to the flush toilet for selectively opening and closing the discharge opening of the bowl assembly. The water valve assembly delivers a source of flush water to the bowl. The water valve assembly includes a water valve operable in a water valve open condition and a water valve closed condition. The flush toilet further includes a common actuator for controlling both the waste ball valve assembly and the water valve assembly. The common actuator is movable from a first position to an intermediate position and from the intermediate position to a second position such that in the first position the waste ball valve assembly closes the discharge opening and the water valve assembly is in the closed condition, in the intermediate position the waste ball valve assembly closes the discharge opening and the water valve assembly is in the open position for adding water to the bowl, and in the second position the waste ball valve assembly opens the discharge opening and the water valve assembly is in the open position for flushing the bowl.

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